

eddy current sensor

type: WSD S2/10MF



picture alike

WSD S2/10MF

5101 9681

Apr-21

- _ high measurement precision
- _ integrated electronic
- _ high measurement speed
- _ contactless measuring
- _ analog output (0...10VDC)
- _ extremely flat and small
- _ simply installation

application range

distance measurement against steel

e.g. slug detection, double-sheet detection, bdc-monitoring

technical data

feature	
voltage supply	12 .. 30 V DC
max. current	app. 8 mA
measuring range	0...2mm
linearity	+/- 120µm
housing	Zinc - cast-metall nickel-plated
output	0...10V DC
repeatability	0.02mm
resolution	<0.001mm
operating time	<1ms

subject to change

TRsystems GmbH, system area
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 Freiburger Straße 3
 75179 Pforzheim
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 unidor@trsystems.de
www.unidor.de

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ambient conditions

operating temperature range	-10 .. +60°C
enclosure rating	IP 67

order data / types

type	description	order number
WSD S2/10MF	eddy current sensor cable length 2m, open ends	5101 9681
plug M12	M12/4-pin plug	6200 0627

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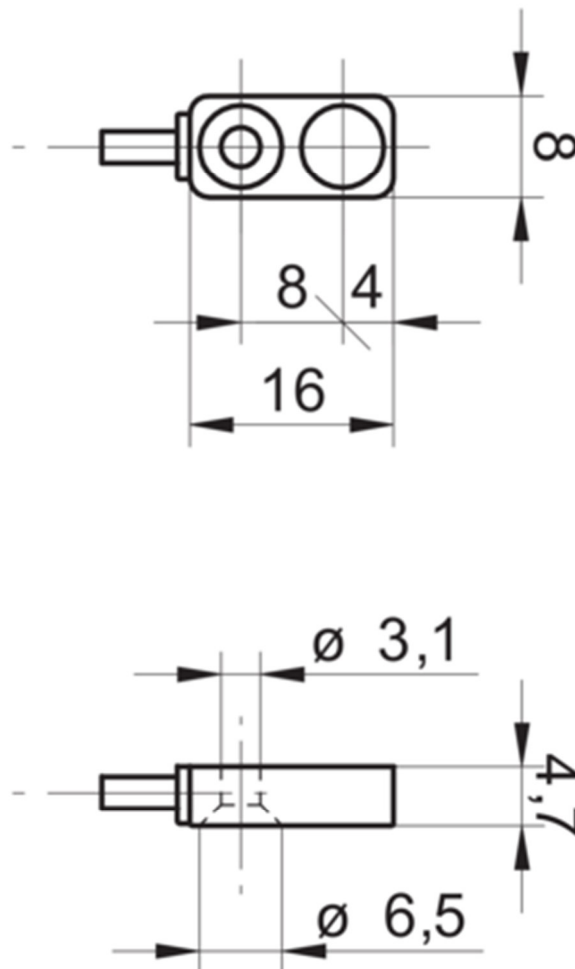
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dimensions

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pin assignment

M12, 4pin (6200 0627)

colour	Pin	operation
brown	1	UB
white	2	n.c.
blue	3	GND 0V
black	4	Signal

M12, 4pin (6200 0627) Beckhoff

colour	Pin	operation
brown	1	UB
black	2	Signal
blue	3	GND 0V
blue	4	GND 0V

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